

## FRENCH

### ASSOCIATE IN ARTS DEGREE

<b>REQUIRED CORE: 26 UNITS</b>		<b>UNITS</b>
FREN 101	Elementary French	5
FREN 102	Elementary French	5
FREN 201	Intermediate French	5
FREN 202	Intermediate French	4
FREN 203	Intermediate French Level I	4
FREN 285	Romance Linguistics	3
TOTAL ASSOCIATE IN ARTS DEGREE REQUIREMENTS		26

### ASSOCIATE IN ARTS DEGREE REQUIREMENTS

Complete the following: (1) Major requirements, (2) the A.A. Degree General Education requirements, and (3) electives to achieve a minimum of 60 units.

## GENERAL EDUCATION

### CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION-BREADTH (CSUGE-BREADTH)

#### CERTIFICATE OF ACHIEVEMENT

Students may earn a certificate of achievement in General Education after completing the following transfer General Education requirements below.

California State University General Education-Breadth (CSUGE-B) Students must complete a minimum of 39 units used to satisfy the California State University General Education Breadth (CSUGE-B) requirements (Plan B). Students must complete all the requirements for full certification of the breadth requirements, which includes a grade of "C" or better in Oral Communications, Written Communications, Critical Thinking, and Mathematical Concepts. Consult with a Cerritos College counselor or see the appropriate requirements in the Associate in Arts General Education section of the catalog.

## INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)

### CERTIFICATE OF ACHIEVEMENT

Students may earn a certificate of achievement in General Education after completing the following transfer General Education requirements below.

Intersegmental General Education Transfer Curriculum (IGETC) Certificate of Achievement

Students must complete a minimum of 34 units used to satisfy the Intersegmental General Education Transfer Curriculum (IGETC) requirements (Plan C). Students must receive full certification of the IGETC pattern which requires a minimum grade of "C" or better in each IGETC course. Consult with a Cerritos College counselor or see the appropriate requirements in the Associate in Arts General Education section of the catalog.

## GEOGRAPHY

### ASSOCIATE IN ARTS IN GEOGRAPHY FOR TRANSFER (AA-T)

#### REQUIRED CORE (7 UNITS)

		UNITS
GEOG 101	Physical Geography	3
GEOG 101L	Physical Geography Laboratory	1
GEOG 102	Natural and Cultural Geography	3

#### LIST A: Select 6-8 units

GEOG 105	World Regional Geography	3
GEOG 140	California Geography	3
ESCI 106	Weather and Climate	3
GEOG 160	Field Studies in Geography	2

#### LIST B: Select 6 – 8 units

Any course from LIST A not already used.		
GEOG 103	Environmental Geography	3
MATH 112	Elementary Statistics	4
MATH 170	Analytic Geometry and Calculus I	4
BIOL 120	Introduction to Biological Science	4
ANTH 100	Cultural Anthropology	3
GEOL 102	Physical Geology Lecture	3
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TOTAL UNITS FOR THE MAJOR		19-23

### ASSOCIATE IN ARTS IN GEOGRAPHY FOR TRANSFER REQUIREMENTS

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following: (a) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements. (b) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district. (2) Obtainment of a minimum grade point average of 2.0. (3) Also required is that students must earn a "C" or better in all courses required for the major.

## GEOLOGY

### ASSOCIATE IN SCIENCE IN GEOLOGY FOR TRANSFER (AS-T)

#### REQUIRED CORE: (26 UNITS)

		UNITS
GEOL 101	Physical Geology	4
or GEOL 102 Physical Geology Lecture		(3)
and GEOL 102L Physical Geology Laboratory		(1)
GEOL 201	Earth History	4
CHEM 111	General Chemistry	5
CHEM 112	General Chemistry	5
MATH 170	Analytic Geometry and Calculus I	4
MATH 190	Analytic Geometry and Calculus II	4
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TOTAL UNITS FOR THE MAJOR: 26

### ASSOCIATE IN SCIENCE IN GEOLOGY FOR TRANSFER COMPLETION REQUIREMENTS

(1) 60 semester or 90 quarter CSU-transferable units. (2) the California State University-General Education-Breadth pattern (CSU GE-Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern. (3) a minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district. (4) obtainment of a minimum grade point average (GPA) of 2.0. earn a grade of C or better in all courses required for the major or area of emphasis

## GERMAN

### ASSOCIATE IN ARTS DEGREE

#### MAJOR REQUIREMENTS

		UNITS
GERM 101	Elementary German	5
GERM 102	Elementary German	5
GERM 201	Intermediate German	4
GERM 202	Intermediate German	4
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TOTAL ASSOCIATE IN ARTS DEGREE REQUIREMENTS 18

#### ASSOCIATE IN ARTS DEGREE REQUIREMENTS

Complete the following: (1) Major requirements, (2) the A.A. Degree General Education requirements and (3) electives to achieve a minimum of 60 units.

## HISTORY

### ASSOCIATE IN ARTS DEGREE FOR TRANSFER (AA-T)

#### REQUIRED CORE (6 Units)

		UNITS
HIST 102	Political and Social History of the United States: 1500's-1876	3
HIST 103	Political and Social History of the United States: 1877-Present	3

#### LIST A: 6 units

HIST 241	Western Civilization	3
or HIST 245 World Civilization From Antiquity to 1500		(3)
HIST 242	Western Civilization	3
or HIST 246 World Civilization From 1500 to Present		(3)

# Curriculum and Requirements for Majors and Certificates

## LIST B (one course from each group) 6 units

### Group 1:

HIST 110	African-American History	3
HIST 204	Women in American History	3
HIST 230	History of Mexico	3
HIST 235	History of Latin America	3
HIST 245	World Civilization From Antiquity to 1500	3
or HIST 246	World Civilization From 1500 to Present	(3)
HIST 260	Survey of the History of Asia	3
HIST 265	Selected Problems in Contemporary Asian History	3
HIST 275	Global Studies	3
CHIN 101	Elementary Chinese	5
CHIN 102	Elementary Chinese	5
FREN 101	Elementary French	5
FREN 102	Elementary French	5
FREN 201	Intermediate French	5
FREN 202	Intermediate French	4
FREN 203	Intermediate French Advanced Level I	4
FREN 285	Romance Linguistics	3
GERM 101	Elementary German	5
GERM 102	Elementary German	5
GERM 201	Intermediate German	4
GERM 202	Intermediate German	4
JAPN 101	Elementary Japanese	5
JAPN 102	Elementary Japanese	5
JAPN 201	Intermediate Japanese	5
JAPN 202	Intermediate Japanese	4
SPAN 101	Elementary Spanish	5
SPAN 102	Elementary Spanish	5
SPAN 111	Elementary Spanish for Spanish Speakers	5
SPAN 112	Elementary Spanish for Spanish Speakers	5
SPAN 201	Intermediate Spanish	5
SPAN 202	Intermediate Spanish	4
SPAN 205	Advanced Spanish Composition	3
SPAN 206	Hispanic Literature in the Media	3
SPAN 210	Highlights of Hispanic Culture	3
SPAN 285	Romance Linguistics	3

### Group 2:

HIST 101	American History and Constitution	3
HIST 120	History of California	3
HIST 210	History of the United States in the Post World War II Era	3
HIST 220	History of the Americas	3
HIST 221	History of the Americas	3
HIST 250	History of England, Great Britain and the Commonwealth	3
HIST 255	History of Russia and the Soviet Union	3
ANTH 100	Cultural Anthropology	3
ANTH 120	Introduction to Archaeology	3
ANTH 170	Introduction to Language and Culture	3
ANTH 200	Native Peoples of North America	3
ANTH 201	Native Peoples of California	3
ANTH 202	The Maya, Inca and Aztecs: Ancient Civilizations of the Americas	3
ANTH 203	The Anthropology of Magic, Witchcraft and Religion	3
ART 108	Black Images in Popular Culture	3
ART 109	Gender and Sexuality in Art	3
ENGL 221A	Literature in the Bible: Hebrew Scriptures	3
ENGL 221B	Literature in the Bible: Christian Scriptures	3
ENGL 223	Chicana/Chicano Literature	3
ENGL 224	Native American Literature	3
ENGL 225	Mexican Literature in Translation	3

ENGL 226	African American Literature	3
ENGL 228	Shakespeare's Plays	3
ENGL 230A	Introduction to American Literature	3
ENGL 230B	Introduction to American Literature	3
ENGL 236	Studies in Women's Literature	3
ENGL 237	Asian American Literature	3
ENGL 238	Classic Islamic Literature	3
ENGL 246A	Survey of English Literature	3
ENGL 246B	Survey of English Literature	3
ENGL 248A	Masterpieces of World Literature	3
ENGL 248B	Masterpieces of World Literature	3
HUM 100	The Art of Being Human	3
HUM 108	Black Images in Popular Culture	3
HUM 109	Gender and Sexuality in Art	3
PHIL 100	Introduction to Philosophy	3
PHIL 102	Introduction to Ethics	3
PHIL 104	Philosophy of Cultural Diversity: Challenge and Change	3
PHIL 105	Philosophy of Art and Beauty	3
PHIL 107	Philosophy of Science and Technology	3
PHIL 108	Philosophy of the Americas	3
PHIL 200	World Religions	3
PHIL 201	Contemporary Philosophy	3
PHIL 204	Philosophy of the Bible I (Hebrew Scriptures)	3
PHIL 206	Philosophy of the Bible II (Christian Scriptures)	3
POL 101	American Political Institutions	3
POL 110	California State and Local Government	3
POL 201	Introduction to Political Science and American Government	3
POL 210	International Relations	3
POL 220	Comparative Government	3
POL 230	Contemporary Political Issues: Middle East	3
POL 260	Public Policy and the Supreme Court	3
PSYC 261	Social Psychology	3
SOC 101	Introductory to Sociology Principles	3
SOC 201	Social Problems	3
SOC 202	Gender and Society	3
SOC 210	American Minority Relations	3
SOC 215	Sociology of Cultural Diversity: Challenge and Change	3
SPAN 245	Introduction to Chicano/Mexican American Culture	3
WS 101	Issues for Women in American Society	3
WS 102	Women and Religion	3
WS 202	Gender and Society	3
WS 204	Women in American History	3
WS 206	Women in Global Economy	3
TOTAL UNITS FOR THE MAJOR		18

### ASSOCIATE IN ARTS IN HISTORY FOR TRANSFER REQUIREMENTS:

Complete the following (1) 60 semester or 90 quarter CSU – transferable units (2) The California State University-General Education-Breadth pattern (CSU GE-Breadth); or the Intersegmental General Education Transfer Curriculum (IGETC) pattern (3) A minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district (4) Obtainment of a minimum grade point average (GPA) of 2.0 (5) Earn a grade of "C" or better in all courses required for the major or area of emphasis.

# Curriculum and Requirements for Majors and Certificates

## INDUSTRIAL ARTS EDUCATION

### ASSOCIATE IN ARTS DEGREE

<b>REQUIRED COURSES</b>		<b>UNITS</b>
AUTO 100	Automotive Maintenance and Operation	4
ENGT 116	Blueprint Reading	2
ET 102	Electronics for Engineering Technologists	3
MTT 100	Machine Tool Introduction	2
PMT 100	Plastics Technology	2.5
WELD 100	Welding Fundamentals	2.5
WMT 101	Introduction to Woodworking	3
PHOT 100	Introductory Photography	3
TOTAL ASSOCIATE OF ARTS DEGREE REQUIREMENTS		22

### ASSOCIATE IN ARTS DEGREE REQUIREMENTS

Complete 60 units to include (1) the above required courses, (2) Complete the General Education requirements to achieve a minimum of 60 units.

## INDUSTRIAL TECHNOLOGY AUTOMATED MANUFACTURING

### CERTIFICATE OF ACHIEVEMENT

<b>REQUIRED COURSES</b>		<b>UNITS</b>
ENGT 138	AutoCAD	4
MTT 60	Advanced Machine Tool Concepts	2
MTT 100	Machine Tool Introduction	2
MTT 170	Computer Numerical Control Programming	2
MTT 180	Robotics for Computer Numerically Controlled Machines	3
NPD 104	Programmable Logic Controllers in New Product Development	3
PMT 66	Hydraulics and Pneumatics	3
TOTAL CERTIFICATE UNITS		19

### ASSOCIATE IN ARTS DEGREE REQUIREMENTS

Students must complete the required courses from either Plan A, B, or C to obtain the A.A. degree. Students complete the requirements for Plan A for Degree and/or Career Option or Plan B for CSU General Education Requirements or Plan C for IGETC for transfer to UC and CSU, and electives as needed. Students must earn a 2.0 grade point average and earn a grade of "C" or higher in major/emphasis courses. This degree will not require any local graduation requirements.

## INSURANCE – PROPERTY AND CASUALTY CERTIFICATE OF ACHIEVEMENT

		<b>UNITS</b>
INSR 101	Introduction to Insurance	1
INSR 102	Insurance Code and Ethics	1
INSR 121	Insurance Principles: Property and Liability	3
INSR 122	Personal Insurance	3
INSR 123	Commercial Insurance	3
INSR 171	Insurance Occupational Work Experience	1
BA 100	Fundamentals of Business	3

BA 113	Legal Environment of Business	3
or LAW 111	Business Law	(3)
BA 156	Motivational Presentation Skills for Managers	3
or BCOT 147	Business Communications	(3)
ACCT 100	Introduction to Accounting	3
ACCT 133	Spreadsheet Accounting I	3
CIS 101	Introduction to Computer Information Systems	3
TOTAL CERTIFICATE UNITS		30

### ASSOCIATE IN ARTS DEGREE REQUIREMENTS

Meet the requirements for a Certificate of Achievement in Insurance -Property and Casualty and complete General Education requirements to achieve a minimum of 60 units.

## INTERPRETING/TRANSLATING CERTIFICATE OF ACHIEVEMENT

<b>CORE REQUIREMENTS</b>		<b>UNITS</b>
GEOG 105	World Regional Geography	3
POL 210	International Relations	3
BA 101	International Business	3

### Any one of the following

PHIL 200	World Religions	3
ANTH 100	Cultural Anthropology	3

### Division Requirements

ENGL 106	Introduction to Linguistics	3
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### Any one of the following

SPAN 282	Intermediate Conversational Spanish	3
SPAN 283	Advanced Conversational Spanish	3
FREN 202	Intermediate French	4
FREN 203	Intermediate French Advanced Level I	4
GERM 203	Scientific German	4
GERM 204	Scientific German	4
JAPN 102	Elementary Japanese	5
JAPN 201	Intermediate Japanese	5
SPAN 201	Intermediate Spanish	5
and SPAN 202	Intermediate Spanish	4
or SPAN 112	Elementary Spanish for Spanish Speakers	(5)
and SPAN 202	Intermediate Spanish	4
or SPAN 213	Living Spanish Grammar and Written Communication	(2)
SPAN 214	Living Spanish Grammar and Written Communication	(2)
and SPAN 202	Intermediate Spanish	4

TOTAL CERTIFICATE REQUIREMENTS		24
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### ASSOCIATE IN ARTS DEGREE REQUIREMENTS

Meet the requirements for a Certificate of Achievement in Interpreting/Translating and complete electives and General Education requirements to achieve a minimum of 60 units.

## GLOBAL STUDIES

### CERTIFICATE OF ACHIEVEMENT

<b>CORE REQUIREMENTS</b>	<b>15 UNITS</b>
<b>DIVISION OPTION REQUIREMENTS (SELECT 1)</b>	<b>9 UNITS</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>24 UNITS</b>

<b>CORE REQUIREMENTS (15 Units)</b>		<b>UNITS</b>
ANTH 100	Cultural Anthropology	3
ECON 201	Principles of Macroeconomics	3
GEOG 105	World Regional Geography	3
HIST 275	Global Studies	3
POL 210	International Relations	3

#### **DIVISION REQUIREMENTS (9 units) – Select one option**

##### **Political-Economic Option (Select three courses)**

BA 101	International Business	3
ECON 102	Women in the Global Economy	3
HIST 246	World Civilization from 1500 to Present	3
POL 220	Comparative Government	3
POL 230	Contemporary Political Issues: Middle East	3

##### **Socio-Cultural Option (Select three courses)**

ANTH 170	Introduction to Language and Culture	3
HUM 100	The Art of Being Human	3
PHIL 200	World Religions	3
SOC 215	Sociology of Cultural Diversity: Challenge and Change	3
SPCH 110	Intercultural Communication	3

**NOTE:** One year of Foreign Language study is recommended.

## GLOBAL RESOURCES

### CERTIFICATE OF ACHIEVEMENT

<b>CORE REQUIREMENTS</b>		<b>UNITS</b>
GEOG 105	World Regional Geography	3
POL 210	International Relations	3
BA 101	International Business	3

#### **Any one of the following**

PHIL 200	World Religions	3
ANTH 100	Cultural Anthropology	3

#### **Division Requirements**

ENGL 106	Introduction to Linguistics	3
ESCI 101	Physical Ecology	3

#### **SELECT 6 UNITS FROM THE FOLLOWING:**

GEOG 101	Physical Geography	3
GEOG 102	Natural and Cultural Geography	3
GEOL 101	Physical Geology	4
ESCI 102	Physical Ecology Field Laboratory	1
ESCI 104	Oceanography	3

TOTAL CERTIFICATE REQUIREMENTS	24
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#### **ASSOCIATE IN ARTS DEGREE REQUIREMENTS**

Meet the requirements for a Certificate of Achievement in Global Resources and complete electives and General Education requirements to achieve a minimum of 60 units.

## WORLD CULTURES

### CERTIFICATE OF ACHIEVEMENT

<b>CORE REQUIREMENTS</b>		<b>UNITS</b>
GEOG 105	World Regional Geography	3
PHIL 104	Philosophy of Cultural Diversity: Challenge and Change	3
ANTH 100	Cultural Anthropology	3
SPCH 110	Intercultural Communication	3
SOC 215	Sociology of Cultural Diversity: Challenge and Change	3

#### **Any one of the following**

HIST 246	World Civilization from 1500 to Present	3
POL 210	International Relations	3
PHIL 200	World Religions	3

TOTAL CERTIFICATE REQUIREMENTS	18
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**NOTE:** Second Language Coursework is recommended.

#### **ASSOCIATE IN ARTS DEGREE REQUIREMENTS**

Meet the requirements for a Certificate of Achievement in World Cultures and complete electives and General Education requirements to achieve a minimum of 60 units.